

ABSTRACT

[0046] A damper for a burner includes a gate plate that moves generally parallel to the inlet of a blower housing of the burner. The gate plate rotates parallel to the inlet and is sized and positioned so that it can rotate between a position completely covering the inlet and a position leaving the inlet completely uncovered. A seal assembly between the gate plate and the inlet substantially seals a gap between the gate plate and the inlet. An actuator moves the gate plate automatically to close the damper or open the damper to any of a plurality of open damper positions.